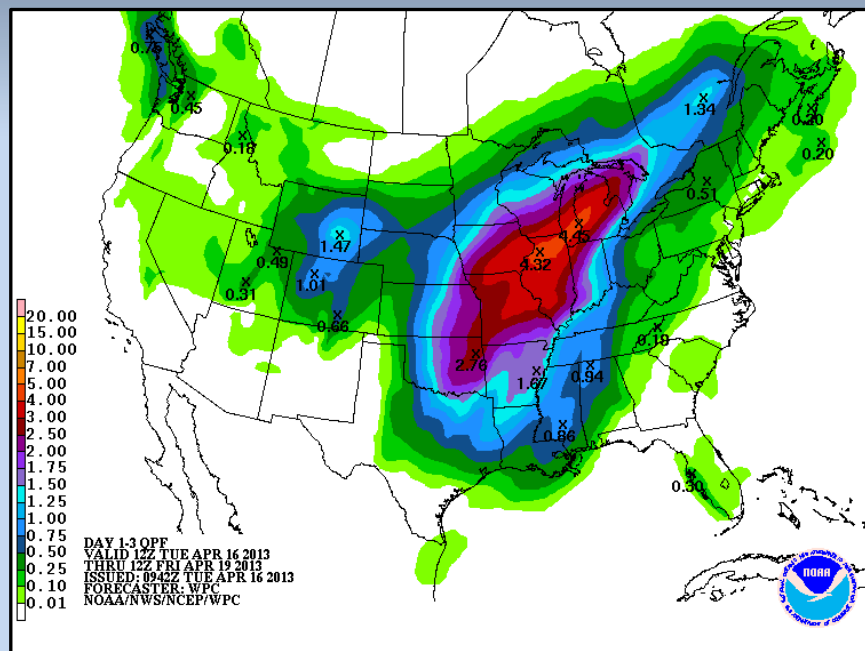




# Significant River Flooding Likely Severe Weather Possible



Slide #1



Additional Rainfall Possible Through early Friday

## Event Summary

**More Significant River Flooding  
This Weekend and Next Week**

**More than 4 inches of additional  
Rain Possible This Week**

**Severe Weather Possible  
Thursday**

**Created: Tuesday, April 16, 2013 – 200 PM**



NOAA National Weather Service - Grand Rapids, Michigan

Website: <http://www.weather.gov/grandrapids>

Email: [w-grr.webmaster@noaa.gov](mailto:w-grr.webmaster@noaa.gov)

Phone: 616-949-0643



@NWSGrandRapids  
#wmiwx



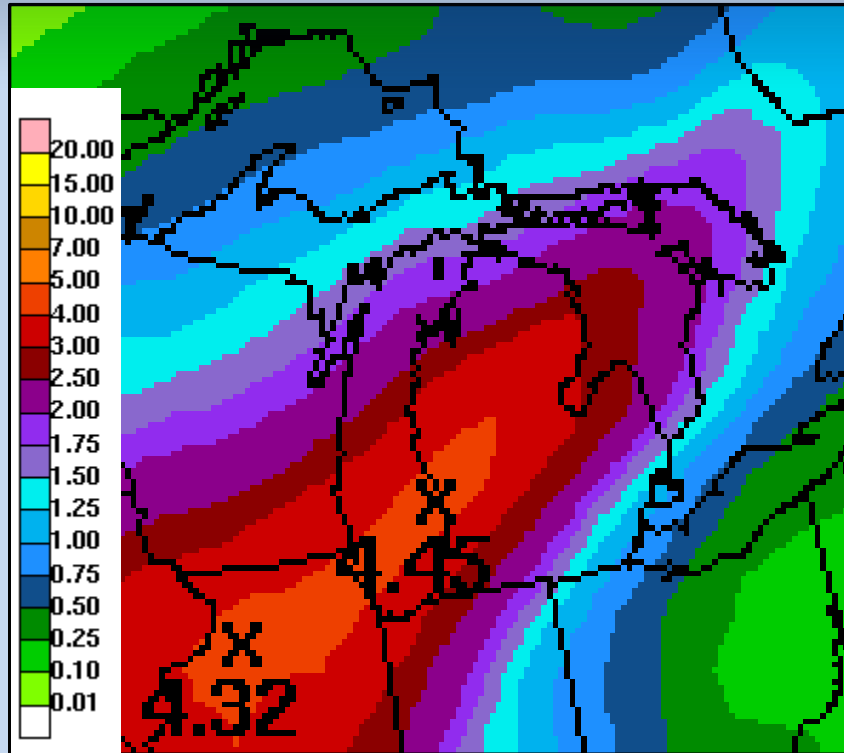


# Additional Rainfall

## Through Early Friday



Slide #2



Additional Rainfall Possible Through Early Friday

## Rainfall Forecast

**2 to 5 Inches of Additional Rain**

**Heaviest Rain Expected Thursday**

**Urban Flooding and  
Road Washouts Will Be Possible**

**Heaviest Rain Could Shift  
North or South**



[weather.gov/grandrapids](https://weather.gov/grandrapids)



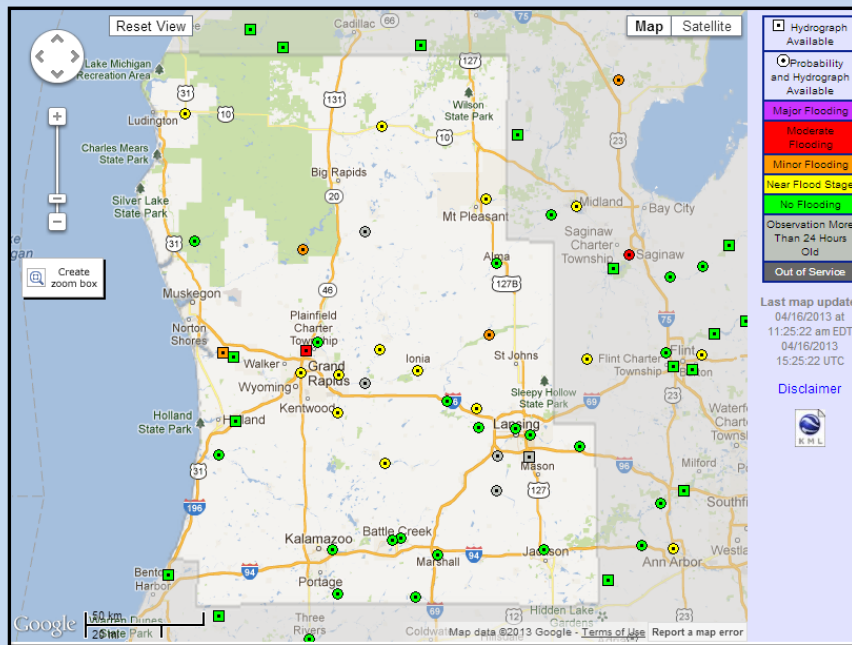


# River Flooding Continues

Slide #3



## River Flooding Into Next Week



Click Above for Latest River Levels  
Flood Advisories and Flood Warning

**Heavy Rain Could Cause  
Moderate to Major Flooding**

**Flooding Impacts to Occur  
Immediately After Rain Falls**

**Greatest Impacts  
Muskegon and Grand River  
White and Pere Marquette**



[weather.gov/grandrapids](http://weather.gov/grandrapids)





# River Flooding Information



Slide #4

[Click Here For River Levels, Flood Advisories and Flood Warnings](#)

## Major Flooding Typically Results in

Significant to Catastrophic  
Life-Threatening Flooding  
Structures May Be Completely Submerged  
Large-Scale Evacuations May Be Needed

## Moderate Flooding Typically Results in

Inundation of Some Buildings Likely  
Road Closures and Some Areas Cut Off  
Some Evacuations May Be Necessary

## Minor Flooding Typically Results in

Limited Property Damage  
Some Public Threat or Inconvenience

### What

- River Flooding to Continue Into Next Week

### When

- Streams/Creeks: **Minor Flooding** to **Moderate Flooding** into the Weekend
- Larger Rivers: **Minor Flooding** to **Moderate Flooding** Beginning this Weekend

### Where

- All of Southern Lower Michigan
- Grand River, Muskegon River, White River and Pere Marquette River

### Forecast Confidence

- High Confidence: **Minor Flooding** of Small Creeks and Streams Will Occur
- High Confidence: **Minor Flooding** of Some Larger Rivers Will Occur
- Medium Confidence: **Moderate Flooding** of Large Rivers Will Occur
- Low Confidence: In Any **Major Flooding** of Large Rivers



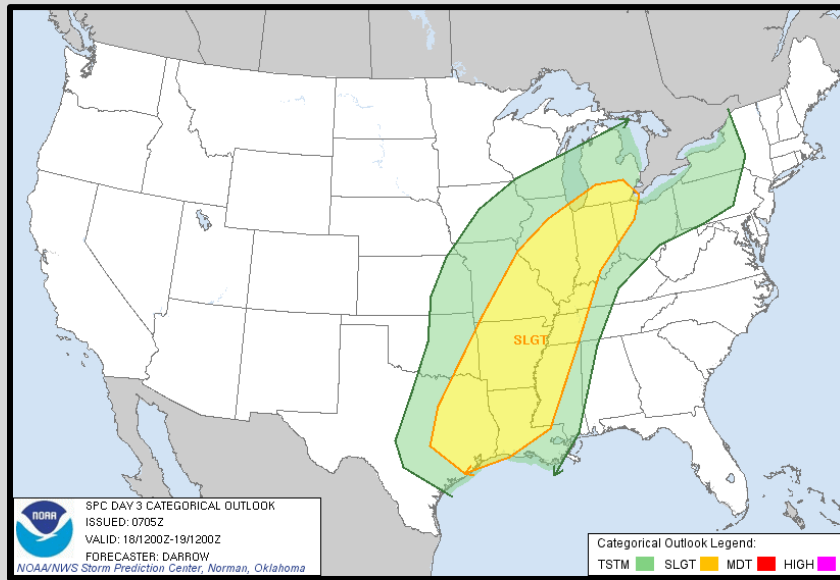
# Severe Weather Potential

Thursday, April 18th



Slide #5

## Severe Weather Possible Thursday, April 18th



**Damaging Winds with Some Hail**

**Isolated Tornadoes Possible**

**Flash Flooding Possible**

**Thursday Afternoon and Early Evening**

**Best Chance for Wind Damage Potential**

**Especially near and South of I-96**

**Click on the Image for the Most Current  
Severe Weather Outlooks for this Week**

[weather.gov/grandrapids](http://weather.gov/grandrapids)





# Event Summary



Slide #6

**Up to 5 Inches of Additional Rain Possible by Friday**

**Moderate to Major River Flooding Possible**

**Severe Weather Possible Thursday**

[Click Here For River Levels, Flood Advisories and Flood Warnings](#)



[weather.gov/grandrapids](https://weather.gov/grandrapids)







# For Additional Information



Slide #7

Links Below are Clickable in PDF File of the Briefing

## Briefing Slides

[www.weather.gov/grandrapids/webinars](http://www.weather.gov/grandrapids/webinars)

## Rainfall Forecast By Day

<http://go.usa.gov/Tbwe>

## Regional Weather Radar Loop

[www.weather.gov/radar](http://www.weather.gov/radar)

## Severe Weather Outlooks

<http://www.spc.noaa.gov>

## Hazard Summary Page

[www.crh.noaa.gov/hazards/grr](http://www.crh.noaa.gov/hazards/grr)



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